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Application Number	10/624,356
Filing Date	21 July 2003
First Named Inventor	Aaron Scott Lukas, et al.
Title	Non-Thermal Process for Forming
Art Unit	1762
Examiner Name	
Attorney Docket Number	06336P USA

I hereby appoint:		-				
X Practitioners at Customer Number:	23543					
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Practitioner(s) named below:						
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as my/our attorney(s) or agent(s) to prosecut Trademark Office connected therewith.	e the application identified above, an	ia to tran	isact all business	in the Un	ited States Patent and	
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l <u>am</u> the:						
Applicant/Inventor.						
Assignee of record of the entire interest. See 37 CFR 3.71. Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96)						
	SIGNATURE of Applicant or Assig	gnee of	Record			
Name Mark L. Rodgers						
Signature MCL27CL						
Date 3 November 2003 Telephone 610-481-8817				31-8817		
NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below*.						
*Total of forms are sub	omitted.					

This collection of information is required by 37 CFR 1.31 and 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. B x 1450, Alexandria, VA 22313-1450.

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STATEMENT UNDER 37 CFR 3.73(b)					
Applicant/Patent Owner: Aaron Scott Lukas, et al.	_				
Application No./Patent No.: 10/624,356	Filed/Issue Date: 21 July 2003				
Application No./Patent No.: 10/624,356Filed/Issue Date: 21 July 2003 Entitled: Non-Thermal Process for Forming Porous Low Dielectric Constant Films					
Air Products and Chemicals, Inc. , a corpora	ation				
(Name of Assignee) (Type of Ass	signee, e.g., corporation, partnership, university, government agency, etc.)				
states that it is:					
1. X the assignee of the entire right, title, and interest;	or.				
2. an assignee of less than the entire right, title and					
The extent (by, percentage) of its ownership inter	est is%				
in the patent application/patent identified above by virtu	e of either:				
A. [x] An assignment from the inventor(s) of the patent was recorded in the United States Patent and Tra which a copy thereof is attached.	application/patent identified above. The assignment ademark Office at Reel, Frame, or for				
OR					
B. [] A chain of title from the inventor(s), of the patent assignee as shown below:					
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The document was recorded in the United S Reel, Frame	States Patent and Trademark Office at, or for which a copy thereof is attached.				
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[] Additional documents in the chain of title are	e listed on a supplemental sheet.				
[] Copies of assignments or other documents in the cha [NOTE: A separate copy (i.e., the original assignmen must be submitted to Assignment Division in accorda recorded in the records of the USPTO. <u>See</u> MPEP 30	t document or a true copy of the original document) nce with 37 CFR Part 3, if the assignment is to be				
The undersigned (whose title is supplied below) is authori	zed to act on behalf of the assignee.				
3 November 2003	Mark L. Rodgers				
Date	Typed or printed name				
	Signature				
	Assistant General Counsel, Patents				
-	Title				

ASSIGNMENT

For value received, we, Aaron Scott Lukas, Mark Leonard O'Neill, Mark Daniel Bitner, Jean Louise Vincent, Raymond Nicholas Vrtis, and Eugene Joseph Karwacki, Jr., hereby sell, assign, and transfer to **AIR PRODUCTS AND CHEMICALS, INC.**, a corporation of the State of Delaware, having an office at 7201 Hamilton Boulevard, Allentown, PA 18195-1501, the entire right, title, and interest in and to the invention relating to

NON-THERMAL PROCESS FOR FORMING POROUS LOW DIELECTRIC CONSTANT FILMS

described in our application for Letters Patent of the United States (identified by Docket No. 06336P USA) executed of even date herewith, in and to all Letters Patent which may be issued upon said application, in and to any divisional or reissue applications based thereon, and in and to all Letters Patent upon said invention or improvements which may be granted in foreign countries. We hereby also assign and convey to said **AIR PRODUCTS AND CHEMICALS, INC.**, all the rights accruing to us by virtue of the International Convention for the Protection of Industrial Property (Art. 4), including the right to apply for and to have patents issued in its own name.

And we hereby authorize and request the Commissioner of Patents and Trademarks of the United States and the Officials of the Patent Offices of all other countries to issue the Letters Patent of their respective countries to said **AIR PRODUCTS AND CHEMICALS, INC.**, as assignee of the entire right, title, and interest in and to the same.

And we hereby promise and agree to execute all papers and perform all acts necessary to secure to and vest in said **AIR PRODUCTS AND CHEMICALS, INC.**, its successors and assigns, the rights conveyed as herein set forth.

	Mark Leonard O'Neill (L.S.)
July 21, 2003 Date	July 21 2003
Wash Daniel Bitner (L.S.)	Jean Louise Vincent (L.S.)
Tely 21,2003	July 25, 2003 Date
Raymond Nicholas Vrtis	Eugene Joseph Karwacki, Jr. (L.S.)
July, 21, 2003	Js/7 25 2013 Date

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DECLARATION FOR UTILITY OR	Att rn y Docket Nun	nber 06336P USA		
DESIGN	First Named Inv ntor	Aaron Scott Lukas, et al.		
PATENT APPLICATION	COMPLETE IF KNOWN			
(37 CFR 1.63)	Application Number	10/624,356		
X Declaration Declaration	Filing Date	21 July 2003		
Submitted OR Submitted after Initial with Initial Filing (surcharge	Group Art Unit	1762		
Filing (37 ČFR 1.16 (e)) required)	Examiner Name			

<u> </u>		requirea)	Examiner Name	3				
As a below named inventor, I hereby declare that:								
	My residence, mailing address, and citizenship are as stated below next to my name.							
	I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:							
	NON-THERMAL PROCE							
		(Title of t	he Invention)					
	the specification of which		,					
	is attached hereto							
	OR							
	x was filed on (MM/DD/YYYY)	21 July 2003	as United St	ates Application t	Number or PCT International			
					:			
	Application Number 10/624,3	56 and was a	mended on (MM/DD/YY	m	(if applicable).			
			·	′ L	(** ***********************************			
	I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.							
	l acknowledge the duty to disclose in-part applications, material inform	information which is ma	aterial to patentability as	defined in 37 CFF	R 1.56, including for continuation-			
	PCT International filing date of the	continuation-in-part app	lication.		·			
	I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for							
	patent, inventor's or plant breeder	's rights certificate(s), o	r any PCT international	application havin	box, any foreign application for g a filing date before that of the			
	application on which priority is claimed. Prior Foreign Application Foreign Filling Date Priority Certified Copy Attached?							
	Number(s)	Country	(MM/DD/YYYY)	Not Claimed	YES NO			
		·						
Т	Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto:							
		use is to use using the contract of th	ouppromornal priority da	IN SHEEL F LOISD	יטבט מונפטוסט ווסופוט.			

[Page 1 of 2]

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DECLARATION — Utility or Design Patent Application

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I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.						
NAME OF SOLE OR FIRST INV	ENTOR:		A petitio	on has been fi	led for this unsigned inventor	
Given Name (first and middle [if any]) Aaron Scott Family Name or Surname Lukas						
Inventor's Signature Aaron Scott	Lukas				Date July 21, 2003	
Residence: City		State PA	c	USA Country	USA Citizenship	

Mailing Address						
Lansdale City	PA State		ZIP	19446	USA Country	
NAME OF SECOND INVENTOR	:		A petitio	on has been fi	led for this unsigned inventor	
Given Name (first and middle [if any]) Mark Leonard Family Name or Surname O'Neill						
Inventor's Mark Card Ontion Date July 21, 2003						
Residence: City Allentown	(PA State		USA Country	CANADA Citizenship	
830 N. 30th Street Mailing Address						
Mailing Address						
Allentown City	PA State		ZIP	18104	USA Country	
Additional inventors are being named	<u> </u>		·	or(s) sheet(s) PT		

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DECLARATION

ADDITIONAL INVENTOR(S)
Supplemental Sheet
Page __1 of _2

Name of Additional Joint Inventor, if any: A petition has been filed for this unsigned inventor						
Given Name (first and middle [if any	/ <u>])</u>	Family Name	Family Name or Surname			
Mark Daniel		Bitner	Bitner			
Inventor's Mack Dank	BE		Date J-4-21,2003			
Nazareth Residence: City	PA State	USA Country	USA Citizenship			
Mailing Address 17 E. High Street	The state of the s	W				
Mailing Address						
City Nazareth	State PA	ZIP 18064 Cc	USA			
Name of Additional Joint Inventor, if a	ny:	A petition has been filed f	or this unsigned inventor			
Given Name (first and middle [if any])	Family Name	or Surname			
Jean Louise		Vincent				
Inventor's Signature			Date July 25,200			
Residence: City Bethlehem	PA State	USA Country	Date July 25,203 USA Citizenship			
Malling Address 3943 Suncrest Lane						
Mailing Address	7					
Bethlehem City	PA State	18020 ZIP	USA Country			
Name of Additional Joint Inventor, if a	ny:	☐ A petition has been filed for				
Given Name (first and middle [if any])	Family Na	ime or Surname			
Raymond Nicholas		Vrtis				
Inventor's Signature Signature	Colus	Vale	Date 104 21,2003			
Allentown Residence: City	PA State	USA Country	USA Citizenship			
Mailing Address 2729 W. Allen Street						
Mailing Address						
City Allentown	PA State	18104 ZIP	USA Country			

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DECLARATION

ADDITIONAL INVENTOR(S)
Supplemental Sheet
Page __2 of _2

Name of Additional Joint Inventor, if any: A petition has been filed for this unsigned inventor							
Given Name (first and middle [if any])			Family Nan	e or S	umame		
Eugene Joseph			Karwacki, Jr.				
Inventor's Signature age forcy of	1		July 25, 200 Date				
Residence: City Orefield	PA State		USA Country		USA Citizenship		
Mailing Address 5620 Snowdrift Road	7						
Mailing Address							
City Orefield	State PA		ZIP 18069	ountr	USA Y		
Name of Additional Joint Inventor, if a	ny:		A petition has been filed	for this	s unsigned inventor		
Given Name (first and middle [if any])		Family Nan	e or Si	umame		
Inventor's Signature	1						
Residence: City	State		Country		Citizenship		
Malling Address							
Mailing Address							
City	State		ZIP	Cour	ntry		
Name of Additional Joint Inventor, if a	ny:		A petition has been filed	or this	unsigned inventor		
Given Name (first and middle [if any])			Family Name or Surname				
Inventor's Signature					Date		
Residence: City State			Country		Citizenship		
Mailing Address							
Mailing Address			T-2000				
City	State		ZIP	Co	untry		

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